

**WHAT IS CLAIMED IS:**

1. An apparatus comprising:  
a digital display monitor module (DDMM) having a display device; and  
an interactive network module (INM) that removably interfaces with the DDMM,  
the INM comprising an input interface and a programmable conditional  
access system (PCAS) to enable conditional access to at least one  
premium television service received by the input interface, wherein the  
PCAS is programmable by at least two different service providers.
2. The apparatus of claim 1 wherein the DDMM comprises a plurality of  
common INM interfaces, and wherein the INM interfaces with one of the common INM  
interfaces.
3. The apparatus of claim 1 wherein the INM comprises a demodulator to  
demodulate digital television signals, including the at least one premium television  
service, received by the input interface.
4. The apparatus of claim 3 wherein the demodulator comprises a cable television  
signal demodulator.
5. The apparatus of claim 4 wherein the cable television signal demodulator  
comprises a quadrature amplitude modulation (QAM) demodulator.
6. The apparatus of claim 4 wherein the cable television signal demodulator  
comprises a vestigial sideband (VSB) demodulator.
7. The apparatus of claim 3 wherein the demodulator comprises a direct  
broadcast satellite signal demodulator.
8. The apparatus of claim 7 wherein the direct broadcast satellite signal  
demodulator comprises a quaternary phase shift keying (QPSK) demodulator.

9. The apparatus of claim 7 wherein the direct broadcast satellite signal demodulator comprises a vestigial sideband (VSB) demodulator.

10. The apparatus of claim 3 further comprising a digital television decoder to decode demodulated digital television signals from the demodulator.

11. The apparatus of claim 10 wherein the digital television decoder comprises an MPEG decoder.

12. The apparatus of claim 11 wherein the MPEG decoder comprises an MPEG-2 decoder.

13. The apparatus of claim 10 wherein the digital television decoder comprises an H.264 AVC decoder.

14. The apparatus of claim 10 wherein the INM further comprises a modulator to modulate decoded digital television signals from the digital television decoder into an analog, NTSC format.

15. The apparatus of claim 14 wherein the modulator comprises a quadrature amplitude modulation (QAM) modulator.

16. The apparatus of claim 1 wherein the INM comprises a multicast-enabled device to extract digital television signals, including the at least one premium television service, received by the input interface.

17. The apparatus of claim 1 wherein the INM further comprises a storage device to provide a personal video recording feature.

18. The apparatus of claim 1 wherein the PCAS provides digital rights management programmable by the at least two different service providers.

19. The apparatus of claim 1 wherein the input interface comprises a cable television signal interface, and wherein the at least two different service providers comprise at least two different cable television service providers.

20. The apparatus of claim 1 wherein the input interface comprises a direct broadcast satellite signal interface, and wherein the at least two different service providers comprise at least two different direct broadcast satellite service providers.

21. The apparatus of claim 1 wherein the input interface comprises a digital switched video network interface, and wherein the at least two different service providers comprise at least two different digital switched video network service providers.

22. The apparatus of claim 1 wherein the PCAS is programmable via the input interface.

23. An interactive network module (INM) that removably interfaces with a digital display monitor module (DDMM) having a display device, the INM comprising:  
a cable television signal interface;  
a demodulator to demodulate digital television signals, including a premium television service, received by the cable television signal interface, the demodulator comprising a quadrature amplitude modulation (QAM) demodulator and a vestigial sideband (VSB) demodulator; and  
a programmable conditional access system (PCAS) to enable conditional access to the premium television service received by the cable television signal interface, wherein the PCAS is programmable by at least two different cable television service providers via the cable television signal interface.

24. An interactive network module (INM) that removably interfaces with a digital display monitor module (DDMM) having a display device, the INM comprising:
- a direct broadcast satellite television signal interface;
  - a demodulator to demodulate digital television signals, including a premium television service, received by the direct broadcast satellite television signal interface, the demodulator comprising a quaternary phase shift keying (QPSK) demodulator and a vestigial sideband (VSB) demodulator; and
  - a programmable conditional access system (PCAS) to enable conditional access to the premium television service received by the direct broadcast satellite signal interface, wherein the PCAS is programmable by at least two different direct broadcast satellite service providers.
25. An interactive network module (INM) that removably interfaces with a digital display monitor module (DDMM) having a display device, the INM comprising:
- a digital switched video network interface;
  - a multicast-enabled device to extract digital television signals, including a premium television service, received by the digital switched video network interface; and
  - a programmable conditional access system (PCAS) to enable conditional access to the premium television service received by the digital switched video network interface, wherein the PCAS is programmable by at least two different digital switched video network service providers via the digital switched video network interface.